

Refine Search

Search Results -

Terms	Documents
L3 and composit\$9	25

Database:

- US Pre-Grant Publication Full-Text Database
- US Patents Full-Text Database
- US OCR Full-Text Database
- EPO Abstracts Database
- JPO Abstracts Database
- Derwent World Patents Index
- IBM Technical Disclosure Bulletins

Search:

L4

Refine Search

Recall Text 

Clear

Interrupt

Search History

DATE: Thursday, February 08, 2007 [Purge Queries](#) [Printable Copy](#) [Create Case](#)

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
<i>side by side</i>			
	DB=USPT; PLUR=YES; OP=ADJ		
<u>L4</u>	L3 and composit\$9	25	<u>L4</u>
<u>L3</u>	proanthocyan\$9.ti.	30	<u>L3</u>
<u>L2</u>	4780321.pn.	1	<u>L2</u>
<u>L1</u>	5780060.pn. or 5200186.pn.	2	<u>L1</u>

END OF SEARCH HISTORY

Hit List

First Hit	Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS					

Search Results - Record(s) 1 through 10 of 25 returned.

1. Document ID: US 6926914 B2

L4: Entry 1 of 25

File: USPT

Aug 9, 2005

US-PAT-NO: 6926914

DOCUMENT-IDENTIFIER: US 6926914 B2

** See image for Certificate of Correction **

TITLE: Proanthocyanidin-containing composition

Full	Title	Citation	Front	Review	Classification	Date	Reference	<u>Sequences</u>	<u>Attachments</u>	Claims	KMPC	Drawn D
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2. Document ID: US 6800433 B1

L4: Entry 2 of 25

File: USPT

Oct 5, 2004

US-PAT-NO: 6800433

DOCUMENT-IDENTIFIER: US 6800433 B1

TITLE: Process for purification of proanthocyanidin oligomer

Full	Title	Citation	Front	Review	Classification	Date	Reference	<u>Sequences</u>	<u>Attachments</u>	Claims	KMPC	Drawn D
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3. Document ID: US 6720353 B2

L4: Entry 3 of 25

File: USPT

Apr 13, 2004

US-PAT-NO: 6720353

DOCUMENT-IDENTIFIER: US 6720353 B2

** See image for Certificate of Correction **

TITLE: Plant proanthocyanidin extract effective at inhibiting adherence of bacteria with p-type fimbriae to surfaces

Full	Title	Citation	Front	Review	Classification	Date	Reference	<u>Sequences</u>	<u>Attachments</u>	Claims	KMPC	Drawn D
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4. Document ID: US 6685970 B1

L4: Entry 4 of 25

File: USPT

Feb 3, 2004

US-PAT-NO: 6685970

DOCUMENT-IDENTIFIER: US 6685970 B1

TITLE: Compositions containing proanthocyanidin and a vitamin B6 derivative or a salt thereof

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequencies](#) [Attachments](#) [Claims](#) [KWMC](#) [Drawn D](#)

5. Document ID: US 6608102 B1

L4: Entry 5 of 25

File: USPT

Aug 19, 2003

US-PAT-NO: 6608102

DOCUMENT-IDENTIFIER: US 6608102 B1

** See image for Certificate of Correction **

TITLE: Plant proanthocyanidin extract effective at inhibiting adherence of bacteria with P-type fimbriae to surfaces

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequencies](#) [Attachments](#) [Claims](#) [KWMC](#) [Drawn D](#)

6. Document ID: US 6565851 B2

L4: Entry 6 of 25

File: USPT

May 20, 2003

US-PAT-NO: 6565851

DOCUMENT-IDENTIFIER: US 6565851 B2

TITLE: Relieving symptoms of erectile dysfunction with proanthocyanidins

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequencies](#) [Attachments](#) [Claims](#) [KWMC](#) [Drawn D](#)

7. Document ID: US 6558689 B2

L4: Entry 7 of 25

File: USPT

May 6, 2003

US-PAT-NO: 6558689

DOCUMENT-IDENTIFIER: US 6558689 B2

TITLE: Proanthocyanidins and ascorbic acid composition for topical application to human respiratory and oral mucosa

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequencies](#) [Attachments](#) [Claims](#) [KWMC](#) [Drawn D](#)

8. Document ID: US 6506419 B2

L4: Entry 8 of 25

File: USPT

Jan 14, 2003

US-PAT-NO: 6506419

DOCUMENT-IDENTIFIER: US 6506419 B2

TITLE: Proanthocyanidin-containing composition

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KOMC](#) | [Drawn D](#)

9. Document ID: US 6500469 B1

L4: Entry 9 of 25

File: USPT

Dec 31, 2002

US-PAT-NO: 6500469

DOCUMENT-IDENTIFIER: US 6500469 B1

TITLE: Methods and compositions for reducing cholesterol levels using a proanthocyanidin and niacin-bound chromium complex

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KOMC](#) | [Drawn D](#)

10. Document ID: US 6440471 B2

L4: Entry 10 of 25

File: USPT

Aug 27, 2002

US-PAT-NO: 6440471

DOCUMENT-IDENTIFIER: US 6440471 B2

TITLE: Plant proanthocyanidin extracts

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KOMC](#) | [Drawn D](#)

[Clear](#) [Generate Collection](#) [Print](#) [Fwd Refs](#) [Bkwd Refs](#) [Generate OACS](#)

Terms	Documents
L3 and composit\$9	25

Display Format: [Change Format](#)

[Previous Page](#)

[Next Page](#)

[Go to Doc#](#)

Hit List

First Hit	Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS					

Search Results - Record(s) 11 through 20 of 25 returned.

11. Document ID: US 6429202 B1

L4: Entry 11 of 25

File: USPT

Aug 6, 2002

US-PAT-NO: 6429202

DOCUMENT-IDENTIFIER: US 6429202 B1

TITLE: Phospholipid complexes of proanthocyanidin A2 as antiatherosclerotic agents

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Chemical	Claims	KMC	Drawn
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12. Document ID: US 6420572 B1

L4: Entry 12 of 25

File: USPT

Jul 16, 2002

US-PAT-NO: 6420572

DOCUMENT-IDENTIFIER: US 6420572 B1

TITLE: Synthetic methods for preparation of protected proanthocyanidin(s)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Chemical	Claims	KMC	Drawn
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13. Document ID: US 6391330 B1

L4: Entry 13 of 25

File: USPT

May 21, 2002

US-PAT-NO: 6391330

DOCUMENT-IDENTIFIER: US 6391330 B1

TITLE: Proanthocyanidins and ascorbic acid composition for topical application to human respiratory and oral mucosa

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Chemical	Claims	KMC	Drawn
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14. Document ID: US 6274179 B1

L4: Entry 14 of 25

File: USPT

Aug 14, 2001

US-PAT-NO: 6274179

DOCUMENT-IDENTIFIER: US 6274179 B1

TITLE: Proanthocyanidin-free barley food composition fortified with iron and methods of making and using

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [References](#) [Attachments](#) [Claims](#) [KWMC](#) [Drawn D](#)

15. Document ID: US 6245336 B1

L4: Entry 15 of 25

File: USPT

Jun 12, 2001

US-PAT-NO: 6245336

DOCUMENT-IDENTIFIER: US 6245336 B1

** See image for Certificate of Correction **

TITLE: Prevention and treatment of acetaminophen toxicity with grape seed proanthocyanidin extract

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [References](#) [Attachments](#) [Claims](#) [KWMC](#) [Drawn D](#)

16. Document ID: US 6210681 B1

L4: Entry 16 of 25

File: USPT

Apr 3, 2001

US-PAT-NO: 6210681

DOCUMENT-IDENTIFIER: US 6210681 B1

TITLE: Plant proanthocyanidin extracts

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [References](#) [Attachments](#) [Claims](#) [KWMC](#) [Drawn D](#)

17. Document ID: US 6126940 A

L4: Entry 17 of 25

File: USPT

Oct 3, 2000

US-PAT-NO: 6126940

DOCUMENT-IDENTIFIER: US 6126940 A

TITLE: Hair-growing agent comprised of proanthocyanidins

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [References](#) [Attachments](#) [Claims](#) [KWMC](#) [Drawn D](#)

18. Document ID: US 5494661 A

L4: Entry 18 of 25

File: USPT

Feb 27, 1996

US-PAT-NO: 5494661

DOCUMENT-IDENTIFIER: US 5494661 A

TITLE: Methods for using proanthocyanidin polymers having antiviral activity

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Drawn D.
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 19. Document ID: US 5470874 A

L4: Entry 19 of 25

File: USPT

Nov 28, 1995

US-PAT-NO: 5470874

DOCUMENT-IDENTIFIER: US 5470874 A

TITLE: Ascorbic acid and proanthocyanidine composition for topical application to human skin

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Drawn D.
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 20. Document ID: US 5211944 A

L4: Entry 20 of 25

File: USPT

May 18, 1993

US-PAT-NO: 5211944

DOCUMENT-IDENTIFIER: US 5211944 A

** See image for Certificate of Correction **TITLE: Proanthocyanidin polymers having antiviral activity and methods of obtaining same

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Drawn D.
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
Terms			Documents		
L3 and composit\$9			25		

Display Format: TI [Previous Page](#) [Next Page](#) [Go to Doc#](#)

Hit List

First Hit	Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS					

Search Results - Record(s) 21 through 25 of 25 returned.

21. Document ID: US 4925871 A

L4: Entry 21 of 25

File: USPT

May 15, 1990

US-PAT-NO: 4925871

DOCUMENT-IDENTIFIER: US 4925871 A

TITLE: Therapeutic use of proanthocyanidine A2 for treatment of vascular system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstracts	Patents	Claims	KWIC	Drawn D
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22. Document ID: US 4925870 A

L4: Entry 22 of 25

File: USPT

May 15, 1990

US-PAT-NO: 4925870

DOCUMENT-IDENTIFIER: US 4925870 A

TITLE: Therapeutic use of proanthocyanidine A2 as a cytoprotective agent

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstracts	Patents	Claims	KWIC	Drawn D
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23. Document ID: US 4863956 A

L4: Entry 23 of 25

File: USPT

Sep 5, 1989

US-PAT-NO: 4863956

DOCUMENT-IDENTIFIER: US 4863956 A

TITLE: Process for obtaining proanthocyanidine A2, pharmaceutical compositions and their therapeutic use

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstracts	Patents	Claims	KWIC	Drawn D
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24. Document ID: US 4797421 A

L4: Entry 24 of 25

File: USPT

Jan 10, 1989

US-PAT-NO: 4797421

DOCUMENT-IDENTIFIER: US 4797421 A

TITLE: Antioxidant comprising proanthocyanidin as principal component

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [SEARCH PROCESS](#) | [REFINEMENT](#) | [Claims](#) | [KMC](#) | [Drawn D](#)

25. Document ID: US 4698360 A

L4: Entry 25 of 25

File: USPT

Oct 6, 1987

US-PAT-NO: 4698360

DOCUMENT-IDENTIFIER: US 4698360 A

** See image for Reexamination Certificate **

TITLE: Plant extract with a proanthocyanidins content as therapeutic agent having radical scavenger effect and use thereof

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [SEARCH PROCESS](#) | [REFINEMENT](#) | [Claims](#) | [KMC](#) | [Drawn D](#)

[Clear](#)

[Generate Collection](#)

[Print](#)

[Fwd Refs](#)

[Bkwd Refs](#)

[Generate OACS](#)

Terms

Documents

L3 and composit\$9

25

Display Format: TI [Change Format](#)

[Previous Page](#)

[Next Page](#)

[Go to Doc#](#)